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In re application of:

Jorg-Thorsten MOHR et al.

Serial No.: 09/640,748

Filed: August 18, 2000



Group Art Unit:
NOT YET ASSIGNED

Examiner
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For: PROCESS FOR PRODUCING OF DROSPIRENONE (6 β , 7 β , 15 β , 16 β -DIMETHYLENE-3-OXO-17 α -PREGN-4-EN-21, 17-CARBOLACTONE, DRSP) AS WELL AS 7 α -(3-HYDROXY-1-PROPYL)-6 β , 7 β ; 15 β , 16 β -DIMETHYLENE-5 β -ANDROSTANE-3 β , 5, 17 β -TRIOL (ZK 92836) AND 6 β , 7 β ; 15 β , 16 β -DIMETHYLENE-5 β -HYDROXY-3-OXO-17 α -ANDROSTANE-21, 17-CARBOLACTONE (90965) AS INTERMEDIATE PRODUCTS OF THE PROCESS

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

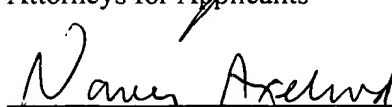
The attached PTO Form-1449 lists references cited in the ancestor application of the above-identified application. In accordance with 37 C.F.R. §1.98(d), copies of these documents are not enclosed. References AA-AC; AO-AQ and AW were cited in application Serial No. 09/242,334 and references AD and AR were cited in application Serial No. 09/442,485. The Examiner is respectfully requested to acknowledge consideration of the listed references by initialing the attached Form PTO 1449 indicating that the information has been considered and made of record herein.

This Information Disclosure Statement is being submitted prior to receipt of the first action on the merits. Therefore, it is believed that no fee is required. See 37 C.F.R. §1.97(b)(3).

Respectfully submitted,



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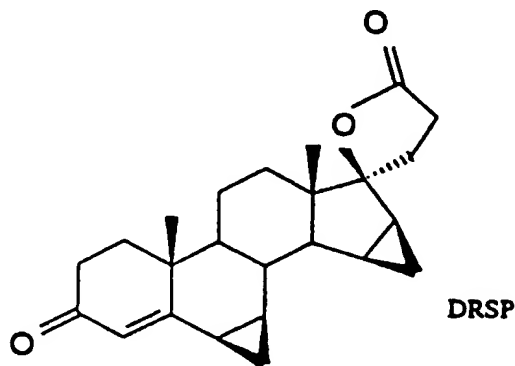
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(54) Title: PROCESS FOR THE PRODUCTION OF DROSPIRENONE (6 β ,7 β ;
15 β ,16 β -DIMETHYLENE-3-OXO-17 α -PREGN-4-ENE-21,17-
CARBOLACTONE, DRSP) AND 7 α -(3-HYDROXY-1-PROPYL)-6 β ,7 β ;
15 β ,16 β -DIMETHYLENE-5 β -ANDROSTANE-3 β ,5,17 β -TRIOL (ZK
[CENTRAL CATALOG] 92836) AND 6 β ,7 β ; 15 β ,16 β -DIMETHYLENE

(57) Abstract

Process for the production of drospirenone (6 β ,7 β ; 15 β ,16 β -
dimethylene-3-oxo-17 α -pregn-4-ene-21,17-carbolactone, DRSP) (1)
and 7 α -(3-hydroxy-1-propyl)-6 β ,7 β ; 15 β ,16 β -dimethylene-5 β -
androstane-3 β ,5,17 β -triol (ZK 92836) and 6 β ,7 β ; 15 β ,16 β -
dimethylene-5 β -hydroxy-3-oxo-17 α -androstane-21,17-carbolactone
(ZK 90965) as intermediate products of the process.



(1)

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